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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Appln. No.	: 10/076,136	Confirmation No.:	8859
Applicant	: Chien, Ring-Ling, et al.		
Filed	: February 14, 2002		
TC/A.U.	: 1743		
Examiner	: Lyle Alexander		
Docket No.	: 100/13010		
Customer No.	: 021569		
Title	: Microfluidic Systems with Enhanced Detection Systems		

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT AND REPLY**

Sir:

In response to the official action dated May 5, 2004, please amend the above-identified application as follows:

**Amendments to the Claims** are reflected in the listing of claims that begins on page 2 of this paper.

**Remarks/Arguments** begin on page 9 of this paper.